

The anatomy of the internet

LECTURE
SUMMARY

PRE-PROGRAMMING

Covered in this lecture:

How the internet works

- ▶ There are 3 concepts you need to know: client, node, server
- ▶ The client is the device that requests and receives information
- ▶ A node is any machine that that information crosses through to get to the client
- ▶ The server is the device that's sending the information, fulfilling the client's request
- These terms are relative and they can be interchangeable depending on which device sends or receives the information
- ▶ The most important nodes you need to understand are: ISP (Internet Service Provider), modem, router
- ▶ Any information will have to pass through these nodes to get to your computer

- The ISP is any mega hub that distributes and connects computers across the country

Instead of connecting every computer in the area with each other, you connect all of them to this hub

- The modem is a device that is permanently connected to your ISP and is used to send and receive information through your ISP hub
- The router is a hub that allows all devices and systems in one area or room to connect to the same connection through the modem

See you next lecture!